GGRXRFS4875

GROXX ZINC-COATED HEX SELF-DRILLING ROOFING SCREW



OVERVIEW

The Groxx Zinc-Coated Hex Self-Drilling Roofing Screw (Model Number: GGRXRFS4875) is a premium, contractor-grade structural fastener designed for securing metal roofing profiles, siding, and trapezoidal sheets directly to timber or light-gauge steel purlins. Engineered with a self-drilling point and a high-efficiency sealing system, this screw eliminates the need for pre-drilling while guaranteeing long-term watertight performance and robust wind-load resistance.

KEY FEATURES

- **Advanced Self-Drilling Tip**: Equipped with an engineered drill point (Type #3/DIN 7504-K style) that cleanly pierces metal sheets and purlins in a single, high-speed operation, eliminating separate pilot hole-drilling stages.
- **Corrosion-Resistant Zinc Shielding**: Treated with a high-purity electro-galvanized zinc coating. This sacrificial barrier delivers excellent resistance against red rust, moisture tracking, and chemical weathering.
- **Watertight EPDM Bonding Washer**: Pre-assembled with an aluminum-backed EPDM (Ethylene Propylene Diene Monomer) rubber washer. The washer compresses evenly upon driving to form an absolute weather-tight seal against heavy rain, atmospheric moisture, and thermal expansion cycles.
- **Hex-Washer Drive Stability**: Features an integrated hexagonal washer head to ensure slip-free driving torque and broad load-bearing distribution across the fastened sheet profile.

TECHNICAL SNAPSHOT

PARAMETER	GGRXRFS4875
Feature / Dimensional Parameter	Engineering Value / Standard
Model Number	GGRXRFS4875
Screw Type	Hex Washer Head Self-Drilling Roofing Screw
Nominal Outer Diameter (D)	4.8 millimeters
Total Length (L)	75.0 millimeters
Material Base	Hardened Carbon Steel (Grade SAE J403 1022 or equivalent)
Surface Treatment / Coating	Electro-Plated Zinc Coating (Bright Zinc-Plated)
Drive Interface	8.0 mm Hex Head (s = 8 mm Spanner size)
Head Thickness (k)	Approximately 4.3 mm
Flange Head Diameter (dk)	Approximately 10.0 mm
Washer Assembly	Pre-fitted EPDM / Aluminum Backed Sealing Washer
Recommended Driving Speed	1,500 RPM to 2,500 RPM

USE & INSPECTION

Install to the Groxx instructions by trained installers. Inspect before each use and at least every 12 months by a competent person.

STANDARDS

See product page

FULL DATA SHEET ↗

Product page ↗